

DOCKET NO.: MSFT-3501/300585.03
Application No.: 10/786,313
Office Action Dated: October 29, 2008

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Ravipal S. Soin

Confirmation No.: 3447

Application No.: 10/786,313

Group Art Unit: 2442

Filing Date: February 25, 2004

Examiner: Jason D. Recek

For: Systems and Methods for Projecting Content From Computing Devices

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

REPLY PURSUANT TO 37 CFR § 1.111

In response to the Official Action dated October 29, 2008, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

- ☐ Amendments to the Specification begin on page of this paper.
- ☒ Amendments to the Claims are reflected in the listing of the claims which begins on page 2 of this paper.
- ☐ Amendments to the Drawings begin on page of this paper and include an attached replacement sheet.
- ☒ Remarks begin on page 113 of this paper.

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This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A method for projecting content from a sender device to an alternate display device, the method comprising:
 - discovering in the sender device, at least one of a plurality of alternate display devices by using a meeting room multimon (MRM) service comprising one of (A) a wireless Universal Plug and Play (UPnP) search or (B) listening for a wireless advertisement emitted by the at least one of the plurality of alternate display devices;
 - establishing a remote session, via a remoting protocol, between the sender device and the at least one alternate display device, the establishing comprising:
 - receiving in the sender device, a service document of the at least one alternate display device;
 - ~~generation of~~ generating in the sender device, a ticket that provides information on a) how to connect to the sender device and b) which one amongst a plurality of projection modes is to be used; and
 - sending the ticket from the sender device to the at least one alternate display device; and
 - transmitting from the sender device to the at least one alternate display device, said content that is rendered thereon, on the at least one alternate display device.
2. (Canceled)
3. (Previously presented) A method according to claim 1, wherein the remoting protocol is the remote desktop protocol and the remote session is a terminal services (TS) session.
4. (Original) A method according to claim 1, further comprising authoring said content.
5. (Original) A method according to claim 4, further comprising publishing said content.

6. (Previously Presented) A method according to claim 5, wherein content authored before said publishing comprises private content and public content.
7. (Original) A method according to claim 4, wherein said authoring includes designating via a second user interface mechanism at least one portion of the content as private content.
8. (Original) A method according to claim 7, wherein said authoring includes designating at least one alteration of said public content as private content.
9. (Original) A method according to claim 8, wherein said authoring includes designating at least one of a masking, a deletion, an annotation and a highlighting of said content as private content.
10. (Original) A method according to claim 1, wherein the content is substantially simultaneously displayed on the at least one alternate display device in response to said transmitting.
11. (Previously Presented) A method according to claim 1, further comprising controlling the display of a public portion of the content, on said at least one alternate display device via a second user interface mechanism on said sender device.
12. (Previously Presented) A method according to claim 11, wherein said controlling includes controlling a rate of viewing of said content via at least one input device of said sender device.
13. (Original) A method according to claim 1, wherein said content is a slide presentation.
14. (Previously Presented) A method according to claim 1, further including, for each remote session between the sender device and the at least one alternate display device, displaying via a second user interface mechanism an indication of a signal strength associated with the remote session.

15. (Previously Presented) A method according to claim 1, wherein said transmitting includes transmitting only a public portion of said content, to the at least one alternate display device.
16. (Previously presented) A computer readable storage medium comprising computer executable modules having computer executable instructions for carrying out the method of claim 1.
17. (Original) A computing device comprising means for performing the method of claim 1.
18. (Canceled)
19. (Currently amended) A computer readable storage medium comprising computer executable instructions for implementing a method of interfacing with a user of a computing device having content including at least one public portion and at least one private portion capable of being projected to other computing devices, the method comprising:
 - displaying a user interface on the computing device;
 - selecting via the user interface the content including the at least one public portion;
 - establishing a remote session, via a remoting protocol, between the computing device and at least one of the other computing devices, the establishing comprising:
 - ~~generation of~~ generating in the computing device, a ticket that provides information on a) how to connect to the computing device and b) which one amongst a plurality of projection modes is to be used; and
 - sending the ticket from the computing device to the at least one of the other computing devices; and
 - via said user interface, transmitting at least said at least one public portion of the selected content to the other computing devices, whereby when said content is rendered

on at least one of the other computing devices, only the at least one public portion is rendered.

20. (Previously presented) A computer readable storage medium according to claim 19, further comprising generating a first content version including the at least one public portion and altering said first content version thereby forming a second content version, whereby the difference in display between said first and second content versions comprises said at least one private portion.
21. (Previously presented) A computer readable storage medium according to claim 20, wherein said generating includes publishing said at least one public portion.
22. (Previously presented) A computer readable storage medium according to claim 21, wherein said computing device is a stylus pen input device and said publishing includes printing said at least one public portion to a journal.
23. (Previously presented) A computer readable storage medium according to claim 20, wherein said altering includes at least one of adding to, masking, highlighting, annotating and deleting from said first content version.
24. (Previously presented) A computer readable storage medium according to claim 19, further comprising using a session token for controlling the at least one of the other computing devices.
25. (Previously presented) A computer readable storage medium according to claim 19, further comprising placing said computing device in an “available for discovery” state.
26. (Previously Presented) A computer readable storage medium according to claim 19, further comprising displaying a client projection window which shows said at least one public portion.

27. (Previously presented) A computer readable storage medium according to claim 19, further comprising rendering said at least one private portion and said at least one public portion on said computing device, whereby in response to said transmitting, the at least one public portion rendered on said at least one of the other computing devices is rendered substantially simultaneously with said at least one public portion and said at least one private portion rendered on said computing device.
28. (Previously presented) A computer readable storage medium according to claim 19, further comprising controlling the rendering of the at least one public portion on said at least one of the other computing devices via said user interface.
29. (Previously presented) A computer readable storage medium according to claim 28, wherein said controlling includes controlling a rate of viewing of said at least one public portion via at least one input device of said computing device.
30. (Previously presented) A computer readable storage medium according to claim 28, wherein said controlling correspondingly controls rendering of said at least one public portion and said at least one private portion on said computing device.
31. (Previously presented) A computer readable storage medium according to claim 19, wherein said transmitting comprises utilizing a communication and collaboration API for operating a multi-shadowing session whereby a 1:N projection is carried out upon N other computing devices.
32. (Previously presented) A computer readable storage medium according to claim 19, wherein the other computing devices include at least one of (A) at least one projector device and (B) at least one available other notebook computer.
33. (Currently amended) A server computing device for projecting content from the server computing device to at least one client display device capable of rendering the content substantially simultaneously with the rendering of the content on said server computing

device, comprising:

a user interface mechanism for selecting content for transmission to the at least one client display device, wherein said content includes public content and private content;

means for discovering the at least one client display device by receiving a wireless “available for discovery” signal transmitted by the at least one client display device, wherein the wireless “available for discovery” signal is transmitted by the at least one client display device only when the at least one client display device is placed in an “allow others to project” state to enable receiving of projected content;

means for establishing a remote session, via a remoting protocol, between the server computing device and the at least one client display device; and

a transmitter component for sending at least the public content of the content selected by said user interface mechanism to the at least one client display device, whereby when said content is rendered on the at least one client display device, only the public content is rendered, and substantially simultaneously, both the public content and the private content are displayed on said server computing device.

34. (Original) A server computing device according to claim 33, further comprising an authoring tool for authoring said content.
35. (Original) A server computing device according to claim 34, further comprising a publishing tool for publishing said content.
36. (Original) A server computing device according to claim 35, wherein content authored with said authoring tool before said publishing is said public content and wherein at least one alteration to said public content after publishing with the publishing tool is said private content.
37. (Original) A server computing device according to claim 34, wherein at least one portion of the content is designated as private content via said user interface mechanism.

38. (Original) A server computing device according to claim 37, wherein at least one alteration of said public content made via said authoring tool is designated as private content via said user interface mechanism.
39. (Original) A server computing device according to claim 38, wherein said at least one alteration includes at least one of a masking, a deletion, an annotating and a highlighting of said public content.
40. (Original) A server computing device according to claim 33, wherein the rendering of the public content on said at least one client display device is controlled via said user interface mechanism.
41. (Original) A server computing device according to claim 40, wherein said control of the rendering includes control of a rate of display of said content.
42. (Original) A server computing device according to claim 33, wherein said content is a slide presentation.
43. (Original) A server computing device according to claim 33, wherein said transmitter component transmits only said public content of the selected content to the at least one client display device.
44. (Currently amended) A computing device for projecting content to at least one alternate display device capable of receiving the content, comprising:
 - a user interface component for selecting content for transmission to the at least one alternate display device, wherein said content includes public content and private content;
 - means for discovering the at least one client display device by receiving a wireless “available for discovery” signal transmitted by the at least one alternate display device, wherein the wireless “available for discovery” signal is transmitted by the at least

one alternate display device only when the at least one alternate display device is placed in an “allow others to project” state to enable receiving of projected content;

means for establishing a remote session, via a remoting protocol, between the computing device and the at least one alternate display device;

means for displaying on said computing device said content including both said public content and said private content; and

means for transmitting at least said public content of the selected content to the at least one alternate display device, whereby when said content is rendered on the at least one alternate display device, only the public content is rendered substantially in synchronization with the display of said public content on said computing device by said means for displaying.

45. (Original) A computing device according to claim 44, further comprising means for publishing said content, wherein content authored before publishing by said means for publishing is said public content and wherein at least one alteration to said public content after said publishing is said private content.
46. (Original) A computing device according to claim 44, wherein said user interface component includes means for designating at least one portion of the content as private content.
47. (Original) A computing device according to claim 44, wherein said user interface component further comprises means for controlling the display of the public content on said at least one alternate display device.
48. (Original) A computing device according to claim 44, wherein said means for transmitting transmits only said public content of the selected content to the at least one alternate display device.

49. (Currently amended) A computer readable storage medium comprising computer executable modules comprising computer executable instructions for implementing a method of interfacing with a computing device having content including at least one public portion and at least one private portion capable of being projected to other computing devices, the modules comprising:
- a user interface component for selecting the content;
 - means for discovering the at least one client display device by receiving a wireless “available for discovery” signal transmitted by the at least one client display device, wherein the wireless “available for discovery” signal is transmitted by the at least one client display device only when the at least one client display device is placed in an “allow others to project” state to enable receiving of projected content;
 - means for establishing a remote session, via a remoting protocol, between the computing device and the at least one alternate display device; and
 - means for transmitting at least said at least one public portion of the selected content to the other computing devices, whereby when said content is rendered on at least one of the other computing devices, only the at least one public portion is rendered.
50. (Previously presented) A computer readable storage medium according to claim 49, further comprising:
- means for generating a first content version of the content including the at least one public portion; and
 - means for altering said first content version to form a second content version, whereby the difference in display between said first and second content versions comprises said at least one private portion.

51. (Previously presented) A computer readable storage medium according to claim 50, wherein said means for generating includes means for publishing said at least one public portion.
52. (Previously presented) A computer readable storage medium according to claim 50, wherein said means for altering includes at least one of a means for adding to, a means for masking, a means for highlighting, a means for annotating and a means for deleting from said first content version.
53. (Previously presented) A computer readable storage medium according to claim 49, wherein said user interface component comprises means for designating said at least one private portion.
54. (Previously presented) A computer readable storage medium according to claim 49, further comprising means for rendering said at least one private portion and said at least one public portion on a display of said computing device, whereby in response to operation of said means for transmitting, the at least one public portion rendered on said at least one of the other computing devices is rendered substantially simultaneously with said at least one public portion and said at least one private portion rendered on said computing device.
55. (Previously presented) A computer readable storage medium according to claim 49, wherein said user interface component comprises means for controlling the rendering of the at least one public portion on said at least one of the other computing devices.
56. (Previously presented) A computer readable storage medium according to claim 55, wherein said means for controlling substantially synchronizes the rendering of said at least one public portion and said at least one private portion on said computing device

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with the rendering of said at least one public portion on said at least one of the other computing devices.

REMARKS

This is a full and timely response to the non-final Office Action mailed October 29, 2008. Reconsideration and allowance of the application and presently pending claims are respectfully requested.

Present Status of Patent Application

Claims 1, 3-17, and 19-56 are currently pending. Of these pending claims, claims 4, 5, 7-10, 13, 17, 34-43, and 45-48 are original claims; claims 1, 19, 33, 44, and 49 have been currently amended without introduction of new matter; claims 3, 6, 11, 12, 14-16, 20-32, and 50-56 have been previously presented; and claims 2 and 18 remain canceled without prejudice, waiver, or disclaimer. Reconsideration and allowance of the application and presently pending claims are respectfully requested.

Claim Rejections under 35 U.S.C. §101

Statement of the Rejection

Claims 44-48 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

Regarding claim 44, it is nominally directed to a device (machine) however no physical elements are present in the claim. Claim 49 indicates that all of the limitations can be performed by executable modules (software). Since there are no physical elements in the claim, the scope of the claim covers an embodiment that consists entirely of software. Software per se is not patentable. Thus, the claim does not constitute one of the four statutory categories of invention as provided by 35 U.S.C. 101.

Response to the Rejection

Applicants respectfully traverse the rejection of claims 44-48 under 35 U.S.C. 101 for several reasons, a few of which are listed below:

- 1) It is admitted in the Office action that the claims are indeed directed to a device.

However, the significance of this fact appears to have been either overlooked or

misunderstood when assessing the statutory aspects of claims 44-48.

- 2) The claims include several “means” elements that cannot be legally dismissed as being “*entirely software*.” To the contrary, the use of the term “means” as an element of a claim clearly encompasses hardware and/or software.
- 3) The claims recite several useful and tangible results, thereby making the subject matter statutory and consequently ineligible for rejection under 35 U.S.C. 101.

Further remarks elaborating upon these topics are provided below.

Claim 44

With reference to item 1) listed above, Applicants draw attention to page 4 of the Office action wherein it is alleged: “*Regarding claim 44, it is nominally directed to a device (machine) however no physical elements are present in the claim.*”

Applicants respectfully submit that this allegation is improper because it may be based on an inadequate interpretation of claim 44, in that the preamble has been dismissed as irrelevant and the various claim elements evaluated in isolation and out of context. Clearly, such an evaluation is improper and runs counter to MPEP 2106 II. C. at p. 2100-8, which states: “[W]hen evaluating the scope of a claim, every limitation in the claim must be considered. USPTO personnel may not dissect a claimed invention into discrete elements and then evaluate the elements in isolation. Instead, the claim as a whole must be considered.”

Applicants acknowledge that the term “computing device” is indeed recited in the preamble of claim 44 rather than in the body of the claim. However, in accordance with case law, it must be noted that: “[The preamble] is not ignored in determining whether the subject matter as a whole is statutory, for all of the claim steps are in implementation of th[e] method [recited in the preamble].” *Arrhythmia Research Tech., Inc. v. Corazonix Corp.*, 958 F.2d 1053, 1059 (Fed. Cir. 1992).

Therefore, Applicants respectfully submit that it is improper on the part of the Office action to dismiss the cited “device” aspect of claim 44 and inappropriately allege that “*no physical elements are present in the claim.*”

Turning now to item 2) listed above, claim 44 is directed at a computing device

comprising several “*means for ...*” elements that perform specific functions. The phrase “*means for*” clearly encompasses hardware or a combination of hardware and software that can actually accomplish the function described after “*means for*.” Applicants are not obligated to restrict their claims to one or the other. Functionality carried out by a “*computing device*,” whether strictly by hardware or by a combination of hardware and software, is clearly patentable. Consequently, it is respectfully submitted that the rejection of claim 44 may be based on a misinterpretation of the term “*means for*” vis-à-vis law pertaining to 35 U.S.C. § 101.

With reference to item 3) listed above, it is respectfully asserted that only a claim which is totally incapable of producing a useful result (such as one that is totally abstract without any tangible limitation), can support a rejection under 35 U.S.C. 101. All it takes is a simple tangible limitation such as “computing device” to make a claim statutory. In this case, Applicants’ claim 44 not only recites tangible limitations (e.g., “computing device” and “means for...”), but also recites various tangible and useful results. For example, claim 44 includes tangible results such as: “*displaying on said computing device said content including both said public content and said private content*,” and “*...said content is rendered on the at least one alternate display device*.”

Furthermore, in the context of the tangible results cited in claim 44, it may be pertinent to draw attention to MPEP 2107.02 II. B. at p. 2100-29, which states: “*If an invention has a well-established utility, rejections under 35 U.S.C. 101 and 35 U.S.C. 112, first paragraph, based on lack of utility should not be imposed. . . . For example, if an application teaches [an aspect of] a well-known [subject], and those skilled in the art at the time of filing knew that [the subject] had a well-established use, it would be improper to reject the claimed invention as lacking utility solely because of [a perceived] omitted statement of specific and substantial utility.*”

In summary, for at least the reasons described above, Applicants respectfully submit that the rejection of claim 44 under 35 U.S.C. 101 is improper and hereby request withdrawal of the rejection. It is further requested that the rejection of dependent claims 45-48 under 35 U.S.C. 101 be withdrawn as well.

Claim Rejections under 35 U.S.C. §103

I. Statement of the Rejection

Claims 1 and 3-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Acharya et al. US 2005/0036509 A1 in view of Parsons, Jr. et al. US 6,349,337 B1.

Response to the Rejection

Claim 1

Applicants respectfully traverse the rejection of claim 1 under 35 U.S.C. 103 for various reasons some of which are described below. Notwithstanding the traversal, Applicants have opted to currently amend the claim in an effort to move forward prosecution in the case. The amended claim now includes various method steps associated with establishing a remote session, including the generation of a ticket by a sender device. The ticket provides information on “a) *how to connect to the sender device and b) which one amongst a plurality of projection modes is to be used.*” Further particulars pertaining to such a ticket have been described in various parts of Applicants’ original specification, for example in paragraphs [0105] and [0106].

In the matter of Applicants’ ticket, it may be pertinent to draw attention to page 5 of the current Office action wherein it is alleged: “*Acharya and Parsons do not explicitly disclose "the establishing comprising generation of a ticket that provides information on how to connect to the sender device" however such a feature is well known in the art. One example is KERBEROS authentication. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Acharya and Parsons with the generation of a ticket for connection / authentication.*” Applicants respectfully traverse this allegation for at least the following two reasons:

- 1) Contrary to the rejection statement on page 4 of the Office action, wherein it is stated that claim 1 has been rejected using the combination of Acharya and Parsons, the allegation on page 5 clearly admits that these cited references do not disclose Applicants’ ticket. However, for purposes of carrying out the rejection, this shortcoming has been apparently addressed by interjecting an unsubstantiated conclusory statement pertaining to the ticket (“*such a feature is well known in the*

art”), thereby leading Applicants to conclude that the rejection has been carried out using Acharya, Parsons, and the unsubstantiated conclusory statement.

- 2) Because the Office action fails to show a valid teaching of Applicants’ ticket in the cited references of Acharya and Parsons, it would appear that the unsubstantiated conclusory statement may be based on facts within the personal knowledge of the Examiner. If this is indeed the case, Applicants respectfully request an affidavit from Examiner in accordance with 37 CFR 1.104 (d) (2).

Turning now to the subject of “KERBEROS authentication” that has been cited in page 5 of the Office action, it may be pertinent to point out that a proper rejection of claim 1 necessitates not merely the identification of an authentication protocol such as KERBEROS (which allows individuals communicating over a non-secure network to prove their identity to one another in a secure manner), but one that incorporates a ticket that is used not only to provide information on “*how to connect to the sender device*” (as cited in rejected claim 1) but also to provide information on “*which one amongst a plurality of projection modes is to be used*” (as cited in currently amended claim 1).

It may be further pertinent to point out that, as currently amended, Applicants’ “ticket” is generated in the sender device after the sender device receives “*a service document of the at least one alternate display device.*”

In light of the remarks above, Applicants respectfully submit that claim 1, at least in amended form, is clearly allowable over the cited references. Furthermore, Applicants respectfully submit that the current rejection of claim 1 is improper and inadequate for reasons described above. Consequently, Applicants hereby request withdrawal of the rejection under 35 U.S.C. 103, followed by allowance of the claim.

Claims 3-5

Applicants respectfully submit that claims 3-5 are allowable for several reasons. One among these several reasons arises from the fact that these claims are each dependent on claim 1, which is allowable based on arguments presented above, thereby making claims 3-5 allowable by law. Applicants respectfully request withdrawal of the rejection followed by allowance of these

claims.

II. Statement of the Rejection

Claims 6, 10, 13-17, 19-31 and 49-56 are rejected under 35 U.S.C. 103(a) as being unpatentable over Acharya and Parsons, Jr. as applied to claim 1 above, and further in view of Masumoto et al. US 6,943,752 B2.

Response to the Rejection

Claims 6, 10, and 13-17

Applicants respectfully submit that claims 6, 10, 13-17 are allowable for several reasons. One among these several reasons arises from the fact that these claims are each dependent on claim 1, which is allowable for reasons provided above. Consequently, claims 3-5 are also allowable by law arising from claim dependency. Therefore, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

Claim 19

The Office action rejects claim 19 under 35 U.S.C. 103(a) by alleging that this claim contains similar limitations as claim 1. Applicants respectfully traverse this allegation.

Notwithstanding the traversal, Applicants have opted to currently amend claim 19 in order to move forward prosecution in the case. As a result, the claim now recites various additional method steps associated with establishing a remote session, including the generation of a ticket by a sender device. As recited in the amended claim, the ticket provides information on “a) how to connect to the computing device and b) which one amongst a plurality of projection modes is to be used.” In this context, several remarks made above in response to the rejection of claim 1 are equally pertinent to the rejection of claim 19 as well. In the interests of brevity these remarks will not be repeated herein.

In summary, Applicants respectfully submit that claim 19, at least in amended form, is allowable over the cited references, and hereby request withdrawal of the rejection under 35 U.S.C. 103, followed by allowance of the claim.

Claims 20-31

Applicants respectfully traverse the rejection of claims 20-32 for several reasons. For example, several claims have been rejected based on unsubstantiated conclusions drawn from the cited references (e.g., claims 22, 24, and 25 vis-à-vis PDA, and KERBEROS). With reference to claims 22 and 25, as alleged in the Office action, the cited portions of Acharya (paragraphs 6 and 7) do indeed mention a PDA. However, in contrast to the actual teachings of these paragraphs, the Office action inappropriately asserts that the paragraphs disclose various functionalities that are cited in Applicants' claims (e.g. "*printing said at least one public portion to a journal*" of claim 22; and "*available for discovery state*" of claim 25).

In this matter, attention is drawn to MPEP 2131.01 (*II. To Explain the Meaning of a Term Used in the Primary Reference*), which states: Extrinsic evidence may be used to explain but not expand the meaning of terms and phrases used in the reference relied upon as anticipatory of the claimed subject matter. *In re Baxter Travenol Labs.*, 952 F.2d 388, 21 USPQ2d 1281 (Fed. Cir. 1991) (Emphasis added).

If the conclusions referred to above, are being drawn based on facts within the personal knowledge of the Examiner, Applicants respectfully request an affidavit from Examiner in accordance with 37 CFR 1.104 (d) (2).

Turning now to claim 31, it is alleged that the claim "*is a medium claim that corresponds to the method claim 15.*" This is clearly not the case as the cited claims 31 and 15 contain different material.

Notwithstanding the improprieties identified above, Applicants respectfully submit that claims 20-31 are allowable by law arising from claim dependency on allowable claim 19. Therefore, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

Claim 49

The Office action rejects claim 49 under 35 U.S.C. 103(a) by alleging that the claim corresponds to claim 19. Applicants respectfully traverse this allegation. However, Applicants have opted to currently amend claim 49 in order to move forward prosecution in the case. As a

result, claim 49 now includes: *“means for discovering the at least one client display device by receiving a wireless “available for discovery” signal transmitted by the at least one client display device, wherein the wireless “available for discovery” signal is transmitted by the at least one client display device only when the at least one client display device is placed in an “allow others to project” state to enable receiving of projected content;”*

Applicants have described this aspect in various portions of their specification, for example in their paragraph [0111]. Amended claim 49 further clarifies that the “available for discovery signal” relates to an “allow others to project state” for projecting content on to a display device (client display device). Such a feature is not reasonably taught or disclosed, individually or combinedly, in the cited art. Consequently, Applicants respectfully submit that claim 49 is allowable and hereby request withdrawal of the rejection followed by allowance of this claim.

It may be further pertinent to draw attention to page 11 of the Office action wherein it is alleged that Acharya discloses (in his paragraph 7) *“a wireless available for discovery signal” as PDAs have such a feature.*” Applicants reiterate remarks made above with reference to unsubstantiated conclusions (*“as PDAs have such a feature”*) and refrain from repeating these remarks.

Claims 50-56

Applicants respectfully traverse the Office action allegation that claims 50-56 are substantially similar to claims 20-21, 23-24 and 27-29 and are therefore rejected for the same reasons. The Office action fails to provide a proper justification for such an allegation.

Notwithstanding the impropriety of the rejection, Applicants respectfully submit that claims 50-56 are allowable for several reasons. One among these several reasons arises from the fact that these claims are each dependent on claim 49, which is allowable for reasons provided above. Consequently, claims 50-56 are also allowable by law arising from claim dependency. Therefore, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

II. Statement of the Rejection

Claims 7-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Acharya, Parsons and Masumoto in view of Orfitelli et al. U.S. 6,904,451 B1.

Response to the Rejection

Claims 7-9

Applicants respectfully assert that claims 7-9 are at least allowable due to their indirect dependency from allowable claim 1. Consequently, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

III. Statement of the Rejection

Claims 11-12 and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Masumoto, Parsons and Acharya in view of Zhang et al. "Software Solution to Completely Wireless Presentation" 2001.

Response to the Rejection

Claims 11-12 and 32

Applicants respectfully assert that claims 11-12 and 32 are at least allowable due to their indirect dependency from allowable claims 1 and 19 respectively. Consequently, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

IV. Statement of the Rejection

Claims 33-48 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zhang in view of Masumoto and in view of Parsons Jr. and Acharya.

Response to the Rejection

Claim 33

Applicants respectfully traverse the rejection as well as the reasons provided in the Office action for combining the cited art. However, Applicants have opted to currently amend claim 33 in order to move forward prosecution in the case. As a result, claim 33 now means for discovering the at least one client display device by receiving a wireless "available for

discovery” signal transmitted by the at least one client display device, wherein the wireless “available for discovery” signal is transmitted by the at least one client display device only when the at least one client display device is placed in an “allow others to project” state to enable receiving of projected content.”

Applicants have described this aspect in various portions of their specification, for example in their paragraph [0111]. Such a feature is not reasonably taught or disclosed, individually or combinedly, in the cited art. Consequently, Applicants respectfully submit that claim 33 is allowable and hereby request withdrawal of the rejection followed by allowance of this claim.

It may be further pertinent to draw attention to page 16 of the Office action wherein it is alleged that Acharya discloses: “*a wireless available for discovery signal*” *however this is taught by Acharya as using PDAs which have this capability (paragraph 7).*” Applicants reiterate remarks made above with reference to unsubstantiated conclusions (vis-à-vis “*as using PDAs which have this capability*”).

Claims 34-43

Applicants respectfully traverse the rejection of these claims as well as the reasons provided in the Office action for combining the cited art. Nonetheless, Applicants respectfully submit that claims 34-43 are allowable at least allowable due to claim dependency from allowable claim 33. Therefore, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

Claim 44

Applicants respectfully traverse the rejection as well as the reasons provided in the Office action for combining the cited art. However, Applicants have opted to currently amend claim 44 in order to move forward prosecution in the case. As a result, claim 44 now includes: “*means for discovering the at least one client display device by receiving a wireless “available for discovery” signal transmitted by the at least one alternate display device, wherein the wireless “available for discovery” signal is transmitted by the at least one alternate display device only when the at least one alternate display device is placed in an “allow others to project” state to*

enable receiving of projected content.”

Such a feature is not reasonably taught or disclosed, individually or combinedly, in the cited references. Consequently, Applicants respectfully submit that claim 44 is allowable and hereby request withdrawal of the rejection followed by allowance of this claim.

Claims 45-48

Applicants respectfully traverse the Office action allegation that claims 45-48 are substantially similar to claims 36-37, 40 and 43 and are therefore rejected for the same reasons. The Office action fails to provide a proper justification for such an allegation.

Notwithstanding the impropriety of the rejection, Applicants respectfully submit that claims 45-48 are allowable for several reasons. One among these several reasons arises from the fact that these claims are each dependent on claim 44, which is allowable for reasons provided above. Consequently, claims 45-48 are also allowable by law arising from claim dependency. Therefore, Applicants respectfully request withdrawal of the rejection followed by allowance of these claims.

Cited Art Made of Record

The cited art made of record has been considered, but is not believed to affect the patentability of the presently pending claims.

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PATENT

CONCLUSION

Applicant respectfully submits that pending claims 1, 3-17, and 19-56 are allowable. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned representative.

Date:

Joseph F. Oriti
Registration No. 47,835

Woodcock Washburn LLP
Cira Centre
2929 Arch Street, 12th Floor
Philadelphia, PA 19104-2891
Telephone: (215) 568-3100
Facsimile: (215) 568-3439